



## **ST HILDA'S COLLEGE, OXFORD**

### **4 Hour Stipendiary Lectureship in Engineering Science**

#### **FURTHER PARTICULARS**

##### **The Appointment**

St Hilda's College invites applications for the fixed-term post of Stipendiary Lecturer in Engineering Science for one year from 1 October 2025. No salaried University post is associated with this Fellowship.

The Lecturer will be expected to provide a combined total of four hours of teaching in Engineering Science per week during term, averaged over three eight-week terms. Specific needs include tutorial coverage of first- and second-year Structures, Mechanics, Materials and Dynamics, setting and marking of collections (college examinations) and delivery of revision classes. The appointee will also share the responsibility, with Engineering Science Fellows Prof. David Howey and Dr Daniel Bulte, for Engineering Science within the College, including (but not limited to) pastoral care, organization of subject-based events such as fourth year project presentations, beginning and end of term meetings, and admissions.

##### **The College**

St Hilda's is one of the constituent colleges of Oxford University, spectacularly set in four acres of gardens on the banks of the Cherwell at Magdalen Bridge. The College, which enjoys registered charitable status, is an independent and self-governing body, with an academic staff of about 75 Fellows and Lecturers. There are at present approximately 400 undergraduates and 300 graduate students, who study most of the subjects offered by the University. The College promotes a thriving culture of research and intellectual engagement, to which all members of St Hilda's contribute.

The Principal of St Hilda's is Professor Dame Sarah Springman CBE FREng. The College has a full-time Senior Tutor, who is also Tutor for Admissions (Undergraduate and Postgraduate). The Tutor for Graduates is responsible for postgraduates already on course, with the help of the College Advisors assigned to each student.

The College encourages all its members in academic achievement. We support our students through excellent teaching and pastoral care, and we provide useful termly grants for research and travel. We are proud also to support our Fellows and Lecturers in their research and teaching.

The College is an Equal Opportunities employer. More information about the College may be found on its website <http://www.st-hildas.ox.ac.uk/>

##### **Engineering Science at St Hilda's College**

There are two Tutorial Fellows in Engineering Science, Professor David Howey and Dr Daniel Bulte. They are ably supported in college by lecturers Professor Saad Jbabdi, Dr Matt Gadd, and Dr Tobias Hermann.

St Hilda's admits 6 undergraduates in Engineering Science per year.

##### **Duties of the Post**

During term the appointee will be required to undertake four hours of undergraduate teaching per week, averaged over three eight-week terms. The appointee will teach the papers below to undergraduates in tutorials (1-3 undergraduates). Tutorials consist of an hour of academic discussion between tutor and

undergraduates, for which students are normally set problems to solve ahead of the tutorial. Tutorial teaching includes the marking of submitted problem sets and other written work. Tutors are required to submit reports on all students taught at the end of each term.

The appointee should be able to teach the following parts of the Engineering Science undergraduate syllabus for the College:

- P3: Structures and Mechanics
- A3: Structures, Materials and Dynamics
- B2: Engineering in Society

Full details of the Oxford undergraduate course in Engineering Science may be found at <https://eng.ox.ac.uk/study/undergraduate/your-degree/course-structure/>

The appointee will be required to participate in the Engineering Science School within the College to play a full role in admissions, including UCAS form grading and interviews, to serve as Personal Tutor to Engineering Science undergraduates, and as College Advisor to graduate students, and to provide other pastoral and academic advice as required; to assist in the setting and marking of termly college examinations; and, in collaboration with others, to carry out administration related to beginning and end of term meetings, and academic-social events).

### Selection Criteria

1. Excellent academic qualifications, including a doctorate, in Engineering Science or similar subject
2. A strong research record in Engineering Science, or evidence of potential.
3. Excellent mathematical skills.
4. Proven ability in tutorial teaching and in pastoral situations.
5. Good oral communication skills.
6. Evidence of administrative and organisational ability.
7. Willingness to be a 'team player' in the teaching of Engineering Science.

### Remuneration and Facilities

The salary for the post is £11,046 (point 1) to £11,661 (point 3) per annum (current rates) according to experience and qualifications, and membership of the USS pension scheme is offered. There is also a research allowance (payable against receipts) of £315 per annum. The Lecturer will be entitled to five meals per week (either lunch or dinner) free of charge during weeks 0 to 9 of each term, with additional out-of-term entitlements, for example during the admissions period. The Lecturer will have the use of a shared teaching room in College. They will be a member of the Senior Common Room at St Hilda's College.

All teaching rooms in St Hilda's College have Ethernet connections. The College's IT Department will provide computer support. Some support is also available from the Oxford University Computing Service.

Expenses incurred for academic purposes in College (telephone, photocopying, stationery and postage) are met by the College. The Academic Office provides some secretarial support for the academic and administrative work of Lecturers.

Lecturers are welcome to use the College's public rooms for seminars and conferences, as well as for social events, and to book the College's guest accommodation. They may also enjoy the facilities of the Jacqueline du Pré Music Building, and the musical events that take place there, including term-time concerts organized by the Director of College Music.

### Application Procedure

Applications should be sent to the Academic Registrar, St Hilda's College, Cowley Place, Oxford OX4 1DY, or by email to [rebekah.unwin@st-hildas.ox.ac.uk](mailto:rebekah.unwin@st-hildas.ox.ac.uk), and should include the following:

- An application form (to be downloaded from the College website, [www.st-hildas.ox.ac.uk/content/vacancies](http://www.st-hildas.ox.ac.uk/content/vacancies)).
- A covering letter outlining how you meet the selection criteria.

- A description of teaching experience.
- A *curriculum vitae* including a brief statement of research interests.
- The names of two referees. Applicants should ask their referees to write directly to the Academic Registrar at [rebekah.unwin@st-hildas.ox.ac.uk](mailto:rebekah.unwin@st-hildas.ox.ac.uk) by the closing date of **12 noon on Thursday 29 May 2025**.

Candidates are also asked to complete one copy of the recruitment monitoring form, which should be returned to [recruitment@st-hildas.ox.ac.uk](mailto:recruitment@st-hildas.ox.ac.uk). This form is used for monitoring purposes only and will not be seen by any member of the selection committee.

The closing date for applications and the last date for receipt of references direct from referees, is **12 noon on 12 noon on Thursday 29 May 2025**. Interviews are expected to take place in the week beginning 9 June.

As part of the interview, shortlisted candidates will be asked to give a presentation of 10 minutes' duration indicating how they would go about teaching one of the papers listed above (topics to cover, essay titles etc) over the course of a term. The presentation should be pitched at first-year undergraduates.

All reasonable interview expenses will be reimbursed.

*St Hilda's College and Oxford University are Equal Opportunities Employers.*

May 2025